

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL BY INSTALLING AN EXCLUSIVE /PERMISSIVE LEFT TURN PHASE ON THE WESTBOUND APPROACH OF MD 155 (LEVEL ROAD) TO CANVASBACK DRIVE LOCATED IN HARFORD COUNTY. MD 155 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION IS TO OPERATE IN A NEMA FOUR (4) PHASE , FULL-TRAFFIC-ACTUATED MODE. THE MD 155 THROUGH MOVEMENTS WILL RUN CONCURRENTLY AND THE CANVASBACK DRIVE MOVEMENT WILL OPERATE ALONE.

EXCLUSIVE/PERMISSIVE LEFT-TURN PHASING WILL BE PROVIDED FOR WESTBOUND APPROACH OF MD 155 TO CANVASBACK DRIVE.

CONTROLLER REQUIREMENTS

THE EXISTING BASE MOUNTED CABINET AND CONTROLLER SHALL BE USED.

MAINTENANCE OF TRAFFIC

THE FOLLOWING TRAFFIC CONTROL STANDARDS SHALL BE REFERENCED FOR THE PROJECT.

STANDARD NO. MD-104.00 - 104.00-30

STANDARD NO. MD-104.37-01 (LEFT LANE CLOSURE)

STANDARD NO. MD-104.38-01 (RIGHT LANE CLOSURE)

STANDARD NO. MD-104.41-01 (INTERSECTION FAR-RIGHT LANE CLOSURE)

STANDARD NO. MD-104.43-01 (SHOULDER WORK)

STANDARD NO. MD-104.44-01 (LEFT LANE CLOSURE)

STANDARD NO. MD-104.45-01 (RIGHT LANE CLOSURE)

STANDARD NO. MD-104.46-01 (CENTER LANE CLOSURE)

STANDARD NO. MD-104.48-01 (INTERSECTION TURN BAY LANE CLOSURE)

STANDARD NO. MD-104.49-01 (SHOULDER WORK)

PROJECT CONTACTS

THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS:

MR. RANDALL SCOTT  
ASSISTANT DISTRICT ENGINEER - TRAFFIC  
PHONE: (410) 321-2781/2785

MR. MIKE PASQUARIELLO  
DISTRICT UTILITY ENGINEER  
PHONE: (410) 321-2841

MR. STEVE MARCISZEWSKI  
ASSISTANT DISTRICT ENGINEER - MAINTENANCE  
PHONE: (410) 321-2761

MR. RICHARD L. DAFF, SR.  
CHIEF, TRAFFIC OPERATIONS DIVISION  
PHONE: (410) 787-7630

WIRING DIAGRAM

WIRING KEY

A - USE EXISTING CABLE

B - 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)

A. EQUIPMENT TO BE FURNISHED BY THE STATE HIGHWAY ADMINISTRATION

ITEM NO.	QUANTITY	DESCRIPTION
9001	7 EA	12 INCH 1- WAY, 1-SECTION SIGNAL HEAD, MAST ARM MOUNTED
9002	3 EA	8" 1- WAY, 1-SECTION SIGNAL HEAD, MAST ARM MOUNTED

B. EQUIPMENT TO BE INSTALLED BY THE STATE HIGHWAY ADMINISTRATION

ITEM NO.	QUANTITY	DESCRIPTION
8001	230 LF	FURNISH AND INSTALL ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 A.W.G.)
8002	1 EA	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT AS PER ASSIGNMENT
8003	2 EA	INSTALL SIGNAL HEAD

C. EQUIPMENT TO BE INSTALLED BY THE STATE HIGHWAY ADMINISTRATION

ITEM NO.	QUANTITY	DESCRIPTION
N/A		

PHASE CHART

	1	2	3	4	5	6	7	

PHASE 2 AND 5	G	G	<G-G	<G-G	G	R	R	
5 CHANGE	Y	Y	<Y-G	<Y-G	G	R	R	
PHASE 2 AND 6	G	G	G	G	G	R	R	
2 AND 6 CHANGE	Y	Y	Y	Y	Y	R	R	
PHASE 4	R	R	R	R	R	G	G	
4 CHANGE	R	R	R	R	R	Y	Y	
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	

STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION

GENERAL INFORMATION SHEET  
MD 155 AND CANVASBACK DRIVE

SCALE NONE

DATE 9/30/05

CONTRACT NO. SF SIGNAL

DESIGNED BY G. PANCHOLI

COUNTY HARFORD

DRAWN BY G. PANCHOLI

LOGMILE 12015507.57

CHECKED BY D.DODA

TMS NO. H291

FAP NO. N/A

TOD NO.

TS NO. 3836A

DRAWING

OF

SHEET NO. 2 OF 2